

**§ 585.701**

**30 CFR Ch. V (7–1–13 Edition)**

**§ 585.701 What must I include in my Facility Design Report?**

(a) Your Facility Design Report provides specific details of the design of any facilities, including cables and pipelines that are outlined in your ap-

proved SAP, COP, or GAP. Your Facility Design Report must demonstrate that your design conforms to your responsibilities listed in § 585.105(a). You must include the following items in your Facility Design Report:

Required documents	Required contents	Other requirements
(1) Cover letter .....	(i) Proposed facility designations; (ii) Lease, ROW grant or RUE grant number; (iii) Area; name and block numbers; and (iv) The type of facility.	You must submit 1 paper copy and 1 electronic copy.
(2) Location plat .....	(i) Latitude and longitude coordinates, Universal Mercator grid-system coordinates, state plane coordinates in the Lambert or Transverse Mercator Projection System; (ii) Distances in feet from the nearest block lines. These coordinates must be based on the NAD (North American Datum) 83 datum plane coordinate system; and (iii) The location of any proposed project easement.	Your plat must be drawn to a scale of 1 inch equals 100 feet and include the coordinates of the lease, ROW grant, or RUE grant block boundary lines. You must submit 1 paper copy and 1 electronic copy.
(3) Front, Side, and Plan View drawings ..	(i) Facility dimensions and orientation; (ii) Elevations relative to Mean Lower Low Water; and (iii) Pile sizes and penetration.	Your drawing sizes must not exceed 11"x17". You must submit 1 paper copy and 1 electronic copy.
(4) Complete set of structural drawings ....	The approved for construction fabrication drawings should be submitted including, e.g., (i) Cathodic protection systems; (ii) Jacket design; (iii) Pile foundations; (iv) Mooring and tethering systems; (v) Foundations and anchoring systems; and (vi) Associated cable and pipeline designs.	Your drawing sizes must not exceed 11" x 17". You must submit 1 paper copy and 1 electronic copy.
(5) Summary of environmental data used for design.	A summary of the environmental data used in the design or analysis of the facility. Examples of relevant data include information on: (i) Extreme weather; ..... (ii) Seafloor conditions; and ..... (iii) Waves, wind, current, tides, temperature, snow and ice effects, marine growth, and water depth..	You must submit 1 paper copy and 1 electronic copy. If you submitted these data as part of your SAP, COP, or GAP, you may reference the plan.
(6) Summary of the engineering design data.	(i) Loading information (e.g., live, dead, environmental); (ii) Structural information (e.g., design-life; material types; cathodic protection systems; design criteria; fatigue life; jacket design; deck design; production component design; foundation pilings and templates, and mooring or tethering systems; fabrication and installation guidelines); and (iii) Location of foundation boreholes and foundation piles; and (iv) Foundation information (e.g., soil stability, design criteria).	You must submit 1 paper copy and 1 electronic copy.
(7) A complete set of design calculations	Self-explanatory .....	You must submit 1 paper copy and 1 electronic copy.
(8) Project-specific studies used in the facility design or installation.	All studies pertinent to facility design or installation, e.g., oceanographic and soil reports including the results of the surveys required in §§ 585.610(b), 585.627(a), or 585.645(a).	You must submit 1 paper copy and 1 electronic copy.

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(9) Description of the loads imposed on the facility.	(i) Loads imposed by jacket; (ii) Decks; (iii) Production components; (iv) Foundations, foundation pilings and templates, and anchoring systems; and (v) Mooring or tethering systems.	You must submit 1 paper copy and 1 electronic copy.
(10) Geotechnical Report .....	A list of all data from borings and recommended design parameters.	You must submit 1 paper copy and 1 electronic copy.

(b) For any floating facility, your design must meet the requirements of the U.S. Coast Guard for structural integrity and stability (e.g., verification of center of gravity). The design must also consider:

(1) Foundations, foundation pilings and templates, and anchoring systems; and

(2) Mooring or tethering systems.

(c) You must provide the location of records, as required in § 585.714(c).

(d) If you are required to use a CVA, the Facility Design Report must include one paper copy of the following certification statement: “The design of this structure has been certified by a BOEM approved CVA to be in accordance with accepted engineering practices and the approved SAP, GAP, or COP as appropriate. The certified design and as-built plans and specifications will be on file at (given location).”

(e) BOEM will withhold trade secrets and commercial or financial information that is privileged or confidential from public disclosure under exemption 4 of the FOIA and in accordance with the terms of § 585.113.

### § 585.702 What must I include in my Fabrication and Installation Report?

(a) Your Fabrication and Installation Report must describe how your facilities will be fabricated and installed in accordance with the design criteria identified in the Facility Design Report; your approved SAP, COP, or GAP; and generally accepted industry standards and practices. Your Fabrication and Installation Report must demonstrate how your facilities will be fabricated and installed in a manner that conforms to your responsibilities listed in § 585.105(a). You must include the following items in your Fabrication and Installation Report:

Required documents	Required contents	Other requirements
(1) Cover letter .....	(i) Proposed facility designation, lease, ROW grant, or RUE grant number; (ii) Area, name, and block number; and (iii) The type of facility.	You must submit 1 paper copy and 1 electronic copy.
(2) Schedule .....	Fabrication and installation .....	You must submit 1 paper copy and 1 electronic copy.
(3) Fabrication information .....	The industry standards you will use to ensure the facilities are fabricated to the design criteria identified in your Facility Design Report.	You must submit 1 paper copy and 1 electronic copy.
(4) Installation process information .....	Details associated with the deployment activities, equipment, and materials, including onshore and offshore equipment and support, and anchoring and mooring patterns.	You must submit 1 paper copy and 1 electronic copy.
(5) Federal, State, and local permits (e.g., EPA, Army Corps of Engineers).	Either 1 copy of the permit or information on the status of the application.	You must submit 1 paper copy and 1 electronic copy.
(6) Environmental information .....	(i) Water discharge; (ii) Waste disposal; (iii) Vessel information; and (iv) Onshore waste receiving treatment or disposal facilities.	You must submit 1 paper copy and 1 electronic copy. If you submitted these data as part of your SAP, COP, or GAP, you may reference the plan.
(7) Project easement .....	Design of any cables, pipelines, or facilities. Information on burial methods and vessels.	You must submit 1 paper copy and 1 electronic copy.